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IDEA 0857-69  
Copy 4 of 4

3 NOV 1969

MEMORANDUM FOR: Aero Medical Staff

SUBJECT : ECP U-2R-45 on Ejection Seat Headrest Height

REFERENCE : Memo to D/O/OSA from AMS/OSA, subj as above, dated 20 Oct 69 (IDEA 0914-69)

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1 On 24 October 1969, [ ] discussed the attached ECP and associated problems. Before such a test should be approved, answers to the following are required:

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a. [ ] on the validity of the tests for the present seat headrest height. Of concern is the fact that a dummy approximately 65 inches in height was used for the above acceptance tests. Average height of an American is about 69 inches. The shorter man obviously will have more head clearance in the event of ejection and that coupled with a certain compression to his body will assure that his head does not go through the canopy before the top of the seat. For taller men, the question arises on how safe the present set up is in actuality. What then about the additional two inches added when the walk around sleeping bag is included in the seat kit cushion. Answers to the above will then affect the feasibility of continuing with the attached ECP.

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2. Also I would ask what are the results of your discussions with [ ] as recommended in [ ] before commenting on spending of more monies in this area.

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Attachment  
As Stated

[ ]  
Deputy for Operations, OSA

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IDEA/OSA [ ] res (30 Oct 69)

Distribution:

- 1 - AMS/OSA
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GROUP 1  
xcluded from automatic  
downgrading and  
declassification

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